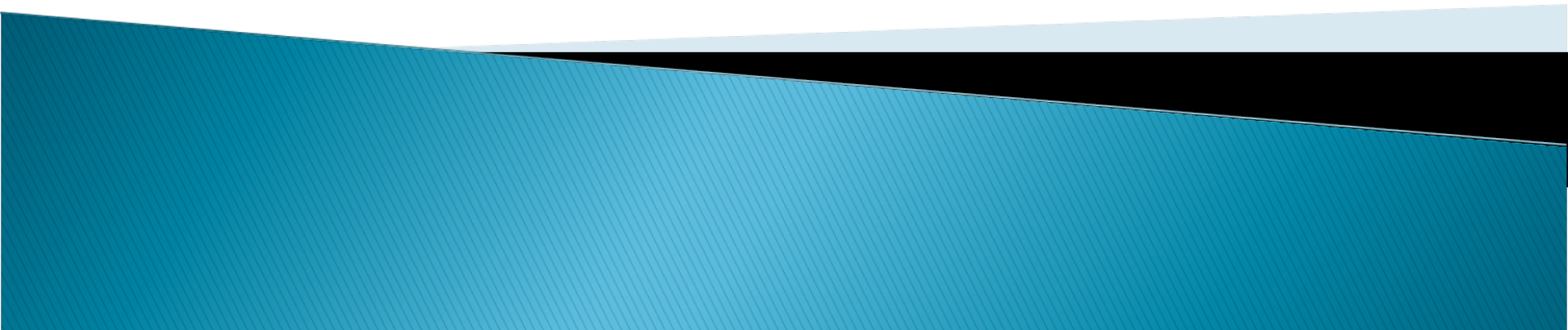


Delta Modeling Section UpDate

April 27, 2011



DSM2 Related Activities

- ▶ Hiring , Retaining and Developing Skilled Staff
 - ▶ Support for Various Programs
 - ▶ Develop and Expand Features of Decision Support Tools
- 

Hiring , Retaining and Developing Skilled Staff

- ▶ Loss
 - Patrick Luzuriaga
- ▶ New Staff
 - Interview Process Now within DWR
 - Xiaochun Wang
 - Ming-Yen Tu

Support for Various Programs

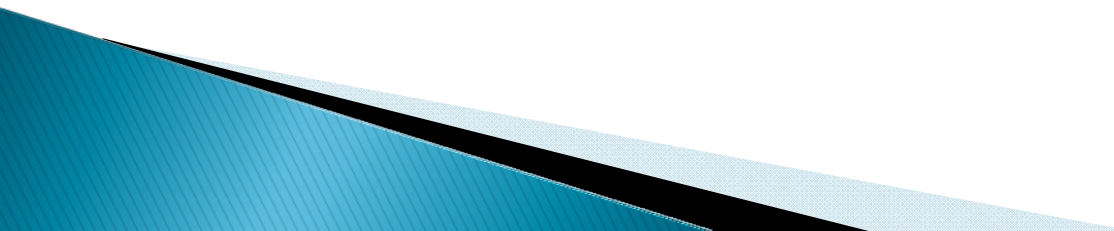
- ▶ Municipal Water Quality Investigations Program
- ▶ Report Reviews – BDCP, Franks Tract
- ▶ BDCP
- ▶ State Water Resources Control Board – South Delta Salinity
 - Low Head Pumps
 - Longer term studies on impact of projects on null zone
- ▶ Calibration
 - Calibration for changes to dispersion for DSM2 v8.1 release
 - Overall re-calibration

Support for Various Programs – cont

- ▶ Annual Report

- Last Year
- This Year

Future

- ▶ Island Flooding Screening/100 year flood
 - ▶ Impacts to Water Drinking Water Quality due to recent biological opinions/actions
- 

Develop and Expand Features of Decision Support Tools

- ▶ DSM2v8 Development and Maintenance –
 - Changes to Qual Code – mini-recalibrate
 - Qual Tide file
 - ▶ Sediment and Transport Module (with UC Davis)
 - ▶ DICU/DETAW
 - ▶ DSM2 Google
 - ▶ DSM2 Vista
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